WS 9006 instruction manual

User Manual

1. Features

1.1 Rain Gauge

- Current, 1 Hr, 24 Hrs and Total Rainfall Level checking
- Daily, Weekly and Monthly Rainfall History Checking in Bar Chart Format
- "Since" Function for Checking the Exact Total Rainfall
- Rain Sensor with Alarm

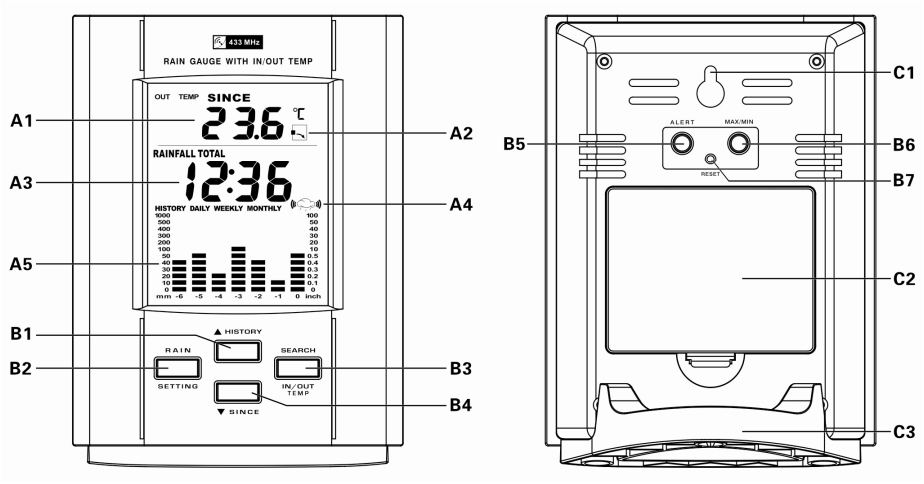
1.2 Time

- Time Display with Date

1.3 Temperature

- Indoor & Outdoor Temperature
- Maximum and Minimum temperature
- Temperature Alert Function

2. Main Unit Appearance



Part A- LCD

A1 : Temperature

A2 : Trend Indicator

A3 : Time

A4 : Rain Alert

A5 : Rain Gauge Bar Chart

Part B- Button

B1 : "▲/HISTORY" button

B2 : "RAIN/SETTING" button

B3 : "SEARCH / IN/OUT TEMP" button

B4 : "▼/SINCE" button

B5 : "ALERT" button

B6 : "MAX/MIN" button

B7 : "RESET" button

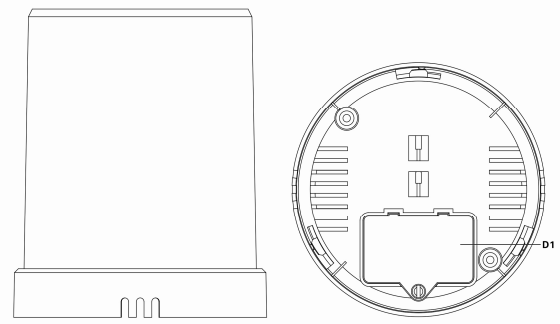
Part C- Structure

C1 : Wall Mount Hole

C2: Battery Cover

C3: Stand

3. Rain Sensor



D1: Battery Cover

4. Getting Started:

4.1 Main Unit

- Open battery Cover (C1)
- Insert 3 x AA size batteries observing polarity [“ +” and “ –“ marks]
- Replace battery compartment cover. The product briefly shows all the display segment

4.2 Rain Sensor

- Battery compartment of rain sensor is locating on the bottom of unit (D1), unscrews the batteries cover to open.
- Insert 2 x AA batteries observing polarity [“+” and “–“ marks]

5. Installation

5.1 Main Unit

The main unit can be placed onto any flat surface (C3), or wall mounted by the hanging hole (C1) at the back of the unit.

5.2 Rain sensor

The rain sensor should be placed onto outdoor flat surface..

Note: *Transmissions between receiver and transmitter can reach up to 30m in open area. Open Area: there are no interfering obstacles such as buildings, trees, vehicles, high voltage lines, etc.*

6. Manual Time Setting

- Hold “SETTING” (B2) button for 3 seconds to enter time setting mode.

- Press "▲" (B1) or "▼" (B4) button to adjust the setting and press "SETTING" button (B2) to confirm each setting.

  (By keeping the "▲" (B1) or "▼" (B4) button pressed, could accelerate the process and reach the desired value more quickly)
- The setting sequence is shown as follow: 12/24 Format, Hour, Minute, Year, Month/ Day Sequence, Month, Day, MM/Inch, C/F, and Rain Alert On/Off.

  Note: All Setting modes will automatically exit in 15 seconds without any adjustment

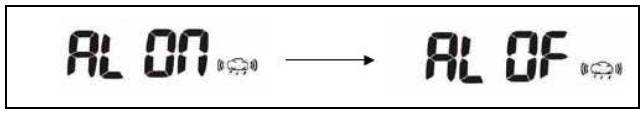
7. Rain Gauge

7.1 Reception of outdoor transmitter

- The main unit automatically starts receiving transmission from outdoor rain sensor after time setting. The symbol flashes when the signal is received successfully.
- After batteries inserted, the rain sensor automatically transmits temperature signal to the main unit.
- If main unit failed to receive transmission from outdoor rain sensor after the batteries inserted ("- - . –"display on the LCD), hold "SEARCH" button (B3) on the main unit for 3 seconds to receive transmission manually.

7.2 Rain Sensor Alarm

- In time setting mode, select the rain alert on/off.



Symbol appear on the display if rain alert function is activated

- When raining, the alarm signal will sound for around 2 minutes; symbol will flash on the display. Press any button to stop the alarm.
- The symbol stop flashing 30 minutes after the rain has finished.

7.3 Rain Gauge Display

Press "RAIN" (B2) button to view different display. The sequence is shown as follow:

TIME → Day/Month → Total rainfall status(TOTAL) → Last 1 hour rainfall status (1H) → Last 24hours rainfall status (24H) → Current rainfall status ( )

- Total rainfall mode: Show the rainfall from the unit started up until you clear to zero

or reset.

When display “RAINFALL TOTAL”, hold “RAIN” (B2) button for 3 seconds to reset the record to zero.

- 1 hour rainfall (1H) mode: Show the total rainfall of last hour and will update the status for every 10 minutes.
- The last 24 hour rainfall: Showed the total rainfall of last 24 hours and will update the status for every hour.
- Current rainfall: Showed the current rainfall status and will update automatically. If there’s no rain in past 30 minutes, the counter will reset to zero.
- SINCE mode: Press “SINCE” (B4) button to roll SINCE time, day and year for checking the since time of each rainfall mode

7.4 Bar Graph Indication and History (Daily, Weekly and Monthly Rainfall)

- Press “HISTORY” (B1) button to select daily, weekly and monthly rainfall trend.
- Hold “HISTORY” (B1) button for 3 seconds to view current data (today, this week or this month), then press “HISTORY” (B1) button again to view the history data (past 1-6 days, weeks or months) stored in memory.
- Hold “HISTORY” (B1) button and “SINCE”(B4) button at the same time for 3 seconds to reset the memory.

8. Temperature

8.1 Indoor/Outdoor Temperature

Press “IN/OUT TEMP” (B3) button to select to view Indoor OR Outdoor temperature display.

8.2 Maximum / Minimum Temperature

- Press “MAX/MIN” button (B6) to show the maximum recorded Indoor /Outdoor Temperature. “**MAX**” is shown on the LCD
- Press “MAX/MIN” button (B6) again to show the minimum recorded Indoor/Outdoor Temperature. “**MIN**” is shown on the LCD.
- Hold “MAX/MIN” button (B6) for 3 seconds to clear the recorded maximum and minimum reading.

8.3 Outdoor Temperature Trend

- The trend pointer (A2) displayed on the LCD indicates the trend of the outdoor

temperature.

Indicating the outdoor temp. is rising	Indicating the outdoor temp. is steady	Indicating the outdoor temp. is falling

8.4 Temperature Alert Function:

- Hold "ALERT" button (B5) for 3 seconds to enter Temperature Alert setting, Temperature's digits flash.
- Press "▲" (B1) or "▼" (B4) button to select Indoor or Outdoor temperature alert. Press "ALERT" button (B5) to confirm the setting.
- Press "▲" (B1) or "▼" (B4) button to set the upper" " and lower " " limit of the temperature. Press "ALERT "button (B5) to confirm the setting.
- Press "ALERT" button (B5) to set the Temperature Alert function ON or OFF (" " appears on the LCD if this function is activate).

9. Low batteries indication:

The low battery icon " " will appear when outdoor rain sensor is in low battery status. The batteries should be replaced.

10. *Precautions*

- *Use a pin to press the reset button (B7) if the Unit does not work properly.*
- *All Setting Modes will automatically exit in 15 seconds without any adjustment.*
- *The clock loses its time information when the battery is removed.*
- *Avoid placing the clock near interference sources/metal frames such as computer or TV sets.*
- *Do not expose it to direct sunlight, heavy heat, cold, high humidity or wet areas*
- *Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits*

11. Specifications

Indoor Data:	
Temperature range:	-10°C to +50°C [+14 to +122°F]
Temperature Units	°C or °F [switchable]
Outdoor Data:	
Transmission distance: (open area)	30m @ 433MHz
Temperature range:	-50 to 70°C [-58 to +158°F]
Rainfall Quantity	0 ~ 9999 mm (0 ~ 999.9 inch)
Main Unit Dimensions:	W95 x h122 x d25 mm
Rain Sensor Dimensions:	W132 x h160 x d132 mm
Battery Requirements:	
Base Station [indoor]:	3 x AA batteries
Sensors [outdoor]:	2 x AA batteries

LIABILITY DISCLAIMER

- The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.
- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection.
- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.
- As stated on the gift box and labeled on the product, reading the “User manual” is highly recommended for the benefit of the user. This product must however not be thrown in general rubbish collection points.
- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is designed for use in the home only as indication of the temperature.

- This product is not to be used for medical purposes or for public information.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
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